An inaugural dipertation on Heydrocephalus Internus
Gynus W Trimble

paped March 15. 1019

I has a led but Vip kociatis hati of a A has en Lit appear writing it wited. Egeronymi by that Su hter in the beloves, that wit he the suthors have would, are It has not been more, chan halp a cultury, Since Hydrocophalus Internus was known, as a distinct discose: The arcients had, but a sory imperfect motion of it Help occides in this world "the merbis" peaks of a collection of water in the hum, and has enumerable of water in the high of its appearance but his human lage of its appearance but his human lage were timely the high according it appears, to have bun extensity limited.

Hogoroniques Mercurialis ur his Operacia auna bays, that Such a thing, as a collection of batr in the train may happen, best adelares, that in Such a case apoplary must be the core operaci. There are with a custors have from of the disease, but this account, and was stippeday account, and was stippeday

a go was for a fitting had we are indected are the time the party and at the same time the most in mentions in a finish which the residence which was the wan persons. and medically itself and deposit to little of Is is what 6 loges fine a detartiseit

disease), it It the loth by offeeted a a precede d Vidrouphalus

au here dis le a pecul redisposes Le be affected

Emperament, It children w remark a

tenfulnes. & addition

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persons of a more advanced ago; case of the lind, are related by different authors:

Buin meritiens become instances, where it redtants
grown persons.

Children of alund very ago, are buyed to the disease, it must generally assure from the Ob to the lot year. It pure law a case, where it affected a child of b bucks ald; here it has preceded by the cholorun enfantum. Hydrouphulus hiterus Connot be considered, as an hereditary cliented; get there appears to be a peauliarity in the constitution, which predisposes been all children of the same family to be appeared which

This is what has been termed the caphalic temperament, and it has been observed, that children in whom this peculiarity exist, are returned as their direction and American.

In addition to this . Children predisposed

person of a more retround and and leural instances, where it will tiw ada he child y waing the

Hydroceph Suspacency.

& temples, of W. promine bural nes lis disease, patient a 1 incettice);

Mosition 1 Main, or la wish, an turful, an I'm the Con

& tonguo too if acca

to Hoydrocepholus, have on unusual tempers, for the bries, particularly about the tempers, forehead, and needs; the eyes, and full now in boured capted children leaders to Soupholus this disease, when a describe in its comment is marked by most of the following symptoms the patient is at first generally language, and exception; there is left of appetite, manual, and frequently a romiting acoust, once, or take a driver a driver the child frequently manifests a

The child frequently manifests a disposition for cedening on a sofar, chain, or lap of the mother is often peculia, and freshul, but at internal cheerful, and to all appearances free

from the complaint.

The tongue is observed, to be white, there is accasional thirst, and towards exening the Skin is hot and dry.

It long af. 6 Hadrocetholis have on two Implemes a Si Instinus in to crown full prominent and built and, and resemble buever affe is the case had inclines & Symptone to the affect witing being in lis most bowels as tio and tained, they My disagre & patient Ca The tengen is olimeter to be whiten inplains wh here it cominals thirt, and terrords might be po evening the third is he and drage and when 1 Not long after the appearance of these symptoms a sharp head ash dipersens; howelime in the prophect, but generally in the course of the head; it prequently to the course affect the side of the heads life this is the case when the pedient is need the head incline to the side affection. This is prefit in a frequently observed to attended to the high the affection of the stone to the sometime feeting the providence to the continuous their deposition of the stone to the pain to most object to pain to most object to most of the second to the pain to most object on the pain to most object and vice of the second to the second to the most object of the second to the second

The bouch at this time, are abstinately cotine, and when exacuations, are the stranger, and of a stranger disagreeable smells. The patient cannot bear the light, and complains when a lighted condito is brought he fow his ayes; bleeps little, and when he does he grinds his

Who fround, 150, Sugarnico pulso at the the a few asterns above quarted: the South the and channels and of manages and have do every begin Meadue: Ch be breathing of we take ple all mitels and and in the same of in flushing where is a chief and bear waters we check is at stories, they are tooks, and of a System at an Ili Mand lane I have I impedend Jone temp g perspiration teethis, frowns picks his nose; and starts often becoming as if he were terreful. He pulse at this time is somewhat accordingly

After a few Many Continuanie. all the sometimes above mouthered, the nomining becomes there will be modern because there were between the modern makes the atternature: The pulse in furgical, and a breathing quick; exact batins of the force take place towards receiving, and from earthering of the force; furnally one check is more affecte, than the

The System at this time frequently much on ineffection offers, be seened deep by some temporary macro aton, which by perspiration, or bleeding at the nose.

Ite Contin in bulged 6 diesie the chibileds lu a train ind the pe regual; the Lit the her o ustlepne, the diseas almost . nd dilatate Malient 1 you halfs o to the light med in to buils den Opter Continuing in this Made for Some line. Subject however to great Carintina. He disease thomas off it muster, and is exhibited in all its learnes, by inhering in a brain of perpeture which by, Mayll has been called its because Mayer.

There the pulse becomes blow, and tenequally the paint in the head butrides, but the head butrides, but the vestlepning, and interrupted blombers of the president provides during the tarty period of the disease, are now becould by an almost lethergis topper; bleatesmus, and delatation of the people come an; the patient lies with one, or both legs half closed; they are insensible to the light, and are absenced to be tuned in towards the nest.

I Chargest who has emitted a sury excellent sential on the susy at interest to the set and interested to the set of decreased to the set of decreased

to the se 1 . . nie . . t - 10. 1 100 make to the bear 2 in weak a lintendel quentle 1 · ctiva to freque inch war war de countral tis whi dein.

Tie breath is now, but particularly in the last stage very offenine. If the disease is Suffered to run on uninterrupted other symptoms appear, which but too clearly announce the speedy approach of death. The pulse Now becomes regular, but so Very weak, and quit, as scouly to be counted; the patient is drown and comatose; there is a difficulty of broothing's and when droused he williers incoherent woords, and appears to be insensible. I requestly before death the limica sion unctiva becomes suffused with Hood; the flushings of the face. are More frequent, followed by a deadly raleness, respiration becomes more laborious; deglutition more difficult; Subsuttus tendinum, and Convulsions

Close the Scene.

4 prove. 1h mune of & expecter) In frequen 1 the disea Malo ceto: Rush mei it, to the d one, in sunce ou muiled in " Duin M w of the day he for mo remai Wit is of

suns treates

To prove, that a uniformity in the accurrence of the above symptoms cannot be expected, and that we must work for frequent docidions from the history of the disease, which has been given, I shall cite the authority of Several certain.

An hush mentions one case, where the applicate was uninnacied from the first to the last stage of the diserse, and one, he token me preternational horomopies was ever preceived in the pulse.

To Duin mentions a case, when the law of the child, were firmly looked a day begin death, and one where hemiphlegen accurate attended with some ternamentale areuntanes. It is of importance, to distinguish ley drocephalus, from some other

\* Rush's works Not 2 p 321-2 † Quin's traction of 121-2

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helagous a v whom an junitance. disease be

Mydroceph au in fever d sond ( to co. . Many res Haice, and . Speech, wi wittow, au iting of Mich until

light, Sha Judden Sou miting; an

Superting 7

analagous affections of Children; and as upon an Parly alterdien to this incommentance, a buccupful treatment of the disease very much depends; I shall bay a few choids on the alignois.

Hydrocephalus Internus may be distinguis from Jever depending upon dentition, or worms ( to which it has a usemblance in Many respects I by the Stronge attention of laice, and Sometimes an entire lops 14. Speech, which allends the latter algertion, and also by a Spasmodie twisting of the winds, which does not appeals untill Mear the Close of Hy houphour We Should never absence the aversion to light, Sharp pain in the head. Sudden Screams, heat of the surface, . Vomiting; and Costivenes, without Suspecting Hydrocophalus; More

lan affect In the me implaint. Watation o Sudness. sucuring t à little Me autorla Kytt, and itus Sup hour Condi Suphatie, Hue Motions ww prome burredly li upleially, when it is known, that children of the bame family have been affected, with this disease. In the more advanced staye of the complement, when we see stratismus, delatation of the pupils, stayon, and blindrigh, two can be no longer ignorant, as to its hatere.

Concerning the course of this disease, not is little describing of Openion has been cutted ainches, by different alethors they the stand bonce of the other European a certain Supposed it to aligned upon a Serous Condition of the blood; respectively light attending them to be been deep these that have been at the time they were promuly after the time being diseased; and probably laid aside; and probablished

the I men in distribut licase lo " with the wai of the in Causes 1 train ities interestive the pornu we doubted Tum Qutal " Bulls, (0) in, are ide System castes' dua It by far a to diease, is

ophi a more onlarged experience, and closer abservation, how agreed, to refer the disease, to lower an increased, to Course, which produce an increased and allund action of the repels of the brain.

These causes may ad, either directly on the interneution of the general dystem; at the former, are falls, blows, and ceitain children to the general dystem; at the former, and falls, blows, and ceitain children they? these, are to the accurrence, and some authority of ance doubled, whether they are created to the the they are created to the them they are created.

The course, which art indicatly on the brain, are contain discours of the whole hystem, such as, small pox, measles and searching & But by for the most progress cause, of the discourse, is a desorder Condition of

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hich these tere , her Le Cannot in all the

Thatever 1 Imong pear 4 this cline inceded, to & inflama tested by

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the digitative organis together with Some of the neighbouring Micera, could move purticularly the liver, preducing a most impropier separate the bearing in many of their bymorable the commodium.

Taking cuts view the wicke influence, tokich there organs proper are the white system, but more conceining the busing we cannot be at a top in accounting for all the symptoms, which mark the oppositions which mark the opposition of the dispersion of the dispersion of the dispersion of the dispersion of the more productioned, as regards the pathology of the discusse, it is not conversally conceiled, to be in the conversally conceiled, to be in the conversally an inflamation apportion, and is for we had a for the this or immedial calculated, to be sufferness to be described the convertion of the Opinion of the

tink there insterne, will : progres of the appear maid to us . many /200 /2 in the be & tredtime a derends 1 time at itu whit theregoe it crestine, morting to 1 inch the force the purpose E Broken 16 mode & employ me Mulitions and Not thenk there can be the Slighted dands the symptoms, which characterise the origin, and progress of the compliant; to gether, with the appearances which have been recealed to us by distribution, are all to many peoply of an inflammatory action in the brain.

In the Medluced of Lydrocephalus.

Much depends sepan altaching the
Symplainty therefore, when we are apond
in the existence, we have the all to last
in resorting to those remedies best coincibile
to break the porce of the chicase hepers.

It is completely formal.

Les the propose to nescation, is tenguesticular
the propose to mescation, in the cage,
in its employment, by the cage,

lymptoms -If there ylammatory Lot a plan 4d pretty 1 mulion, So 1 · Case May Thical defet d leches it the great Pratient is han the la rantity of A Where the Informed, 14 the temps ummended " Umeday o telligible to dymptoms -

In there exist Strong Marks of inflammatory action, and the patient he of a plathoice Constitution, we must bled pretty freely, and repeat the operation, So long, as the ungener of The Case May demant. Topical deplotion by means, of cups, und leaches, May be had recourse to. with the greatest advantage; wither when the patient is very young, as too week, to hear the loss of any Considerable quantity of blood, by general bleedings and where the aberation can be performed, with Rafely, the opening it the temporal artely, has been ! 1. commended, as highly beneficial. This remedy operates in a way excuding 4, intelligible to us, by acting more immediately an the part aspected, it

unmended. rade in the I next thing timony , of May those the Hourd witho

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Ladse them in Time aliene

lepens the determination of blood to the heard, willhoul drawing too for upon the resources of the general system.—
It was for this proposed, that Maryagai & Recommended fee uncitions, to the mude in the occipantal reins, and he retains secured lass, where he sucurded, in uleining affections, of the heard, in this way.

The next thing, to a uther his to in the but of the efficiency of propagation the happens of the efficiency of propagation the Comment to the Comment to the comment do in this clience the bounds are in a beny lospiels, and investing localism; we thould comprove these moderates best Calentated to consecret them into achow, and procure corporate them into achow, and procure topicus alience discharge; these may be truptoged without buckering debility.

ith Salap My or X gs d. Vild & years dmirably w & topid inte rd, and a & haweis ar

1. the Contrar Bugth; So le 6 howels an unhealthy) ap in the proton semal has had dition ti acommos 14 exhibiteo , adour, it : meates! 6 Somel ma Vin Combin

On the Contrary, with wideal compiene of Mingh, he long as there is facility of the lowels and the Mosts of a darker and whenthe of the darker and when the little of the darker and

For the purpose, which have been mentioned calford has been very generally Consended on a delition to its adver purpositive qualities it is recommended by the facility without it is takistically been destitute of laster, on adout it is taken by children with the greatest each

Colomel may be employed either alone? or in Continuolin; most generally, however with Jalap Von Vij gu Cal until to the solij or X gu Juine, though to give to a child & years old, and is a medicine admirably well coloudated to Stimulate the lospid intestines and to purge off the youl, and affections Matter, with which the bounds are loaded.

& more ada in there wiste wilitity to in uta articles m orperating to the ich how been Hough denie winceset, i aces utainly's ho by should be wo head , an daging . Be winishing the d telst, by he mugh out the is of the ch up the patient attending to home measure & which the

In the more advanced tages of the disence whose there wist in the intestines, an almost unensibility to impression, some of the more druster articles may be found necessary Cooperating to the same end, with the remision which have been mentioned, dre blisters Although tenied by some authors; yet experience, an only quide in Cases of uncutainty's has fully proved their offeren they should be large enough to cover the whole head, and are to be kept constantly dicharging? Blister most probably art, by demenishing the quantity of circulations fluid, and dist, by producing a Counter intellion. Throughout the whole progress, it the first Stage of the disease, lie should be allerties to neep the patients head caustrully elevated, by attending to this circumstanie, we will in Some measure Counter ad the Vincound, with which the blood is driven towards

Interes de or a dance. S 100 70 10 \_\_\_\_\_ Sugar & the not which " the instance 2 to Lunia. mounth is in ba the analie to . In tell re . Maleson in aids on the 3 Hucture . this is the Branco lu the brain

(Bathing ho feet in warm water, is a remedy which has been found so useful in aller affections of the head, that produciones hower been induced to employ it in Hydroughton. and it is said, to be highly beneficial. These are the remedies, together with a Strict Atherence to the antithlogistic plan in every respect, which have been found most useful, in the intlammetory Stage of Endroughles und if Judiciously untloyed will not unfrequently offert a cener of the Complaint. But, if by the mean already Mentioned, we no unallo to check the faither progress. of the diease, it generally terminales, by Brodering , the offusion of water into the boutiedes of the brain, or some organic danger in its Structure.

When this is the case, I need not say how descouraging becomes the situation of the poline.

Let even he imingly the an cured, be & this stage of Sich, is entitle Mereury; a estion among wer benig Septetine h morising, the · bubdicion ajumed dise oth, a more in been fre. a Support in Hydrocekhalin present are monsity, of & Physician & Succepy

but over here we should not dispair; coses Seemingly the most unfromising, have bounting, been cured, by the pursuing Vigorous measures. In this stage of the disease, the only remedy, which, is entitled, to any degree of confidence, is Mercury; and it has even been a question among Physicians whother mercury is over beneficial in this complaint? Generalist in minute quantities, it is not surprising, that the remedy should fail, in Subducing a very obstinate, and Confirmed disease; but when employed, with, a more liberal hand, it's good effects have been frequently apparent. In Support of the efficacy of mercury in Hydrocepholes, we have the testimony, of the present properor, of the practice in the University, of Perusylvania; and by no Other Physician, has it been, so liberally, or so succepfully employed.

Then we have : powerful M. Hould be emps to giving it tomach land to tu weart to which, with to haddilion to cuint the minet quantitie it is not hould be ap the parts of buld be du " . Ly perse Jenny Can h by of Hydro watimes effect surselpis , as the patien

When we have determined whom produing a powerful mucurial imprepion; the medicino Should be employed in very large quantities after giving it internally, as which as the Stomach and bowels, will bear; we should then resort to mourial printions dilliquetty applied, with the Strongest sintuunt! In addition to this mercurial plasters, Should be applied, to the head, and other parts of the body, and the Clisters Should be drest, with munical aintenent. It is, by persing this come alone, that mercury can be, of any bursice, in this Stage of Hydrocepholos, and we will sometimes effect a cure, as unexputed, to ourselpis, as gratifying, to the freends, of the patient.

Septation Acute Hy a then used to mounial perties dilligates In addition to this manufal states